



(19) Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) Publication number:

0 581 296 A3

(12)

EUROPEAN PATENT APPLICATION

(21) Application number: 93112208.9

(51) Int. Cl.5: H01B 1/12, H01M 6/18

(22) Date of filing: 30.07.93

(30) Priority: 30.07.92 JP 223252/92
28.08.92 JP 254209/92

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(43) Date of publication of application:
02.02.94 Bulletin 94/05

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(84) Designated Contracting States:
DE FR GB IT

(86) Date of deferred publication of the search report:
27.04.94 Bulletin 94/17

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(54) Ionically conductive organosiloxane polymer compositions.

(57) The ionically conductive compositions of this invention comprise the ionic pair $(-\text{SO}_3)_n\text{M}^{n+}$ bonded either to a crosslinked polymer containing organosiloxane units or to a finely divided solid that is immobilized within said composition, where the sulfur atom of said ionic pair is bonded by means of a divalent hydrocarbon radical that optionally contains at least one ether (-O-) linkage, and where M is a metal from Group I or Group II of the periodic table of the elements and n represents the valence of M. If the polymer does not contain oxyalkylene units the composition contains a non-aqueous electrolyte.

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EUROPEAN SEARCH REPORT

Application Number
EP 93 11 2208

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| CATEGORY OF CITED DOCUMENTS | | | |
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